



Express Mail Mailing Label No. EV219997212US

PATENT

Attorney Docket No. MDS-022C1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Nordstrom et al. CONFIRMATION NO.: 1037
SERIAL NO.: 10/071,932 GROUP NO.: 3737
FILING DATE: February 8, 2002 EXAMINER: Runa S. Qaderi
TITLE: A Spectroscopic System Employing a Plurality of Data Types

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the patents and publications are enclosed.

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☐ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☒ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
- ☒ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or

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- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**
- ☐ the requisite Statement is below, **AND**
☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

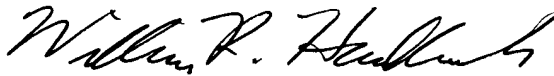
STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Applicants submit herewith a check to cover the requisite fee for this submission. Applicants believe the check covers all required fees; however, if any additional fee is due, the Director of U.S. Patent and Trademarks is authorized to charge Deposit Account No. 20-0531 for such fee.

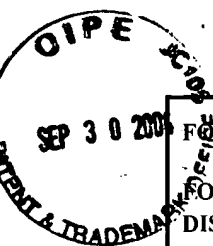
Respectfully submitted,



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FORM PTO - 1449

FOURTH SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: MDS-022C

APPLICANTS: Nordstrom et al.

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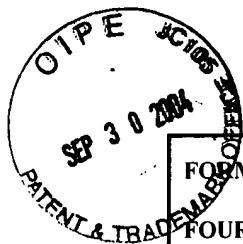
GROUP: 3737

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A219	4,515,165	05/07/1985	Carroll	128	664	09/15/1981
	A220	4,558,462	12/10/1985	Horiba et al.	382	42	08/31/1983
	A221	4,641,352	02/3/1987	Fenster et al.	382	6	07/12/1984
	A222	5,412,563	05/02/1995	Cline et al.	364	413.22	09/16/1993
	A223	5,643,175	07/01/1997	Adair	600	133	02/05/1996
	A224	5,838,435	11/17/1998	Sandison	356	243	10/20/1997
	A225	5,902,246	05/11/1999	McHenry et al.	600	476	03/21/1997
	A226	6,067,371	05/23/2000	Gouge et al.	382	128	02/13/1998
	A227	6,083,487	07/04/2000	Biel	424	9.6	08/25/1998
	A228	6,135,965	10/24/2000	Tumer et al.	600	476	12/02/1996
	A229	6,166,079	12/26/2000	Follen et al.	514	564	12/30/1996
	A230	6,187,289	02/13/2001	Richards-Kortum et al.	424	9.8	10/20/1998
	A231	6,210,331	04/03/2001	Raz	600	443	12/23/1998
	A232	6,332,092	12/18/2001	Deckert et al.	600	476	07/08/1998
	A233	6,370,422	04/09/2002	Richards-Kortum et al.	600	478	03/19/1999
	A234	6,424,852	07/23/2002	Zavislan	600	407	10/01/1997
	A235	6,593,101	06/15/2003	Richards-Kortum et al.	435	29	03/28/2001
	A236	6,639,674	10/28/2003	Sokolov et al.	356	369	03/28/2001
	A237	6,697,666	02/24/2004	Richards-Kortum et al.	600	478	03/06/2000
	A238	6,760,613	07/06/2004	Nordstrom et al.	600	476	06/24/2002
	A239	6,766,184	06/20/2004	Utzinger et al.	600	407	03/28/2001
	A240	6,768,918	7/27/2004	Zelenchuk	600	476	7/10/2002
	A241	2002/0107668	08/08/2002	Costa et al.	702	189	12/15/2000
	A242	2002/0197728	12/26/2002	Kaufman et al.	436	164	12/15/2000
	A243	2003/0095721	05/22/2003	Clune et al.	382	294	10/18/2002

EXAMINER

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U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A244	2003/0144585	07/31/2003	Kaufman et al.	600	407	03/15/2002
	A245	2004/0007674	01/15/2004	Schomacker et al.	250	458.1	09/13/2002
	A246	2004/0010187	01/15/2004	Schomacker et al.	600	317	07/10/2002
	A247	2004/0023406	02/05/2004	Schomacker et al.	436	164	11/15/2002

FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B30	WO/0041615	07/20/2000	PCT			01/11/2000		
	B31	WO/0057361	09/28/2000	PCT			03/17/2000		
	B32	WO/00/74556	12/14/2000	PCT			06/09/2000		
	B33	WO 2004/005895A1	01/15/2004	PCT			07/08/2003		

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
	C108	Ko et al., "Multiresolution Registration of Coronary Artery Image Sequences," <u>Internal Journal of Medical Informatics</u> , Vol. 44 (1997), pp. 93-104.							
	C109	Noble et al., "Automated, Nonrigid Alignment of Clinical Myocardial Contrast Echocardiography Image Sequences: Comparison with Manual Alignment," <u>Ultrasound in Medicine and Biology</u> , Vol. 28, No. 1 (2002), pp. 115-123.							

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